

Table 9
Validated SAT Soil Analytical Results Summary (Radioisotopes)
Canadian Uranium Radiological Site
Kisco Avenue, Mount Kisco, New York

Location ID No.	S07			S08			S01			S02			S03			S04			S09			S05			S06			
SAT Sample ID No.	S07 (12-24)			S08 (24-36)			S01 (24-36)			S02 (0-12)			S03 (0-12)			S04 (36-48)			S09 (36-48)*			S05 (0-12)			S06 (0-12)			
Sample Depth (inches)	12 - 24			24 - 36			24 - 36			0 - 12			0 - 12			36 - 48			36 - 48			0 - 12			0 - 12			
Sample Matrix	Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			
Sample Result	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	
Radioisotope	EPA SSAL	Background																										
Uranium-238	0.462	V	0.15	0.417	V	+/- .143	0.380	V	0.123	0.849	V	0.177	0.749	V	0.159	0.327	V	0.129	0.516	V	0.159	0.429	V	0.151	0.773	V	0.187	
Thorium-230	0.407	V	0.14	0.575	V	+/- .175	0.999	V	0.163	64.6	V	5.53	58.1	V	4.99	4.63	V	0.605	5.82	V	0.691	1.81	V	0.311	83.3	V	7.27	
Uranium-233/234	0.374	V	0.133	0.299	V	+/- .0401	0.428	V	0.132	0.781	V	0.168	0.769	V	0.0501	0.383	V	0.138	0.356	V	0.131	0.606	V	0.181	0.702	V	0.179	
Radium-226	0.894	V	0.235	3.44	V	+/- .487	22.0	V	2.4	135	V	14.1	129	V	13.5	14.0	V	1.59	15.4	V	1.72	109	V	11.5	109	V	11.5	
Thorium-232	0.508	V	0.153	0.547	V	+/- .169	0.557	V	0.115	0.842	V	0.14	0.766	V	0.134	0.879	V	0.216	0.624	V	0.171	0.605	V	0.165	0.739	V	0.194	
Radium-228	0.843	V	0.239	1.35	V	+/- .342	1.05	V	0.389	ND		ND				0.975	V	0.369	1.25	V	0.35	1.79	V	0.963	ND			
Thorium-228	0.43	V	0.145	0.567	V	+/- .175	0.626	V	0.125	1.07	V	0.165	0.884	V	0.148	0.850	V	0.21	0.808	V	0.197	0.589	V	0.168	0.794	V	0.207	
Uranium-235/236	0.062	UV	0.0606	0.0254	UV	+/- .0401	ND		0.0741	V	0.0546	0.0704	V	0.0501	ND		ND		ND		ND		ND		ND		ND	

Notes:

ID No. - Identity Number.

V = Verified by Certified Health Physicist.

U = Indicates the analyte was analyzed for but not detected.

ND - Non-Detect.

pCi/g = picocuries per gram.

Analytical data is based on November 2013 site assessment conducted by Weston Solutions, Inc., Site Assessment Team (SAT).

S09 (36-48)* is a duplicate of S04 (36-48)

EPA SSAL - Environmental Protection Agency Site-Specific Action Level (SSAL).

The total concentration of each radioisotope is the sum of the result value and the upper limit of the total uncertainty.

Values in red exceed the EPA SSAL for the respective radioisotope.

EPA SSAL values are in pCi/g.